

**SURESH**

**POWER BI SESSION**

**MODULE 3**

# Started with Sample Superstore Data

Sample Super store • Last saved: Today at 10:49 AM

File Home Help Table tools

Name: Orders

Table tools: Mark as date table, Manage relationships, New measure, Quick measure, New column, New table

Order Priority	Discount	Unit Price	Shipping Cost	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product ID
Low	0.07	6.3	0.5	Gene Gilliam	Regular Air	Small Business	Office Supplies	Labels	Sm
Not Specified	0.06	6.48	10.05	Gene Gilliam	Regular Air	Small Business	Office Supplies	Paper	Sm
Not Specified	0.05	8.85	5.6	Gene Gilliam	Regular Air	Small Business	Office Supplies	Binders and Binder Accessories	Sm
Not Specified	0.01	11.97	4.98	Gene Gilliam	Express Air	Small Business	Office Supplies	Appliances	Sm
Not Specified	0.1	7.3	7.72	Gene Gilliam	Regular Air	Small Business	Office Supplies	Binders and Binder Accessories	Sm
High	0.04	243.98	62.94	Gene Gilliam	Delivery Truck	Small Business	Furniture	Chairs & Chairmats	Jun
Low	0.04	22.38	15.1	Gene Gilliam	Regular Air	Small Business	Office Supplies	Binders and Binder Accessories	Sm
Low	0.06	17.78	5.03	Gene Gilliam	Regular Air	Small Business	Furniture	Office Furnishings	Sm
Not Specified	0.03	6.28	5.36	Herbert Holden	Regular Air	Home Office	Office Supplies	Binders and Binder Accessories	Sm
Low	0	6.48	6.6	Herbert Holden	Regular Air	Home Office	Office Supplies	Paper	Sm
Low	0.1	3.95	2	Herbert Holden	Regular Air	Consumer	Office Supplies	Rubber Bands	Wri
Critical	0.06	8.34	1.43	Herbert Holden	Express Air	Home Office	Office Supplies	Paper	Wri
Critical	0.07	264.98	17.86	Herbert Holden	Delivery Truck	Home Office	Technology	Office Machines	Jun
High	0.02	107.53	5.81	Herbert Holden	Regular Air	Home Office	Furniture	Office Furnishings	Me
Low	0.02	8.46	3.62	Herbert Holden	Regular Air	Consumer	Technology	Computer Peripherals	Sm
High	0	78.69	19.99	Herbert Holden	Regular Air	Home Office	Furniture	Office Furnishings	Sm
Medium	0.06	12.28	6.47	Herbert Holden	Regular Air	Consumer	Office Supplies	Paper	Sm
Low	0.1	2.08	5.33	Herbert Holden	Regular Air	Home Office	Furniture	Office Furnishings	Sm
High	0.1	35.99	5	Herbert Holden	Regular Air	Consumer	Technology	Telephones and Communication	Wri
High	0.04	124.49	51.94	Herbert Holden	Delivery Truck	Consumer	Furniture	Tables	Jun
High	0.03	16.98	12.39	Gene Gilliam	Regular Air	Small Business	Office Supplies	Envelopes	Sm
High	0.05	7.99	5.03	Gene Gilliam	Regular Air	Small Business	Technology	Telephones and Communication	Me

Table: Orders (78 rows)

# Changed the Table name User to Manager

Sample Super store • Last saved: Yesterday at 10:25 AM

File Home Help Table tools

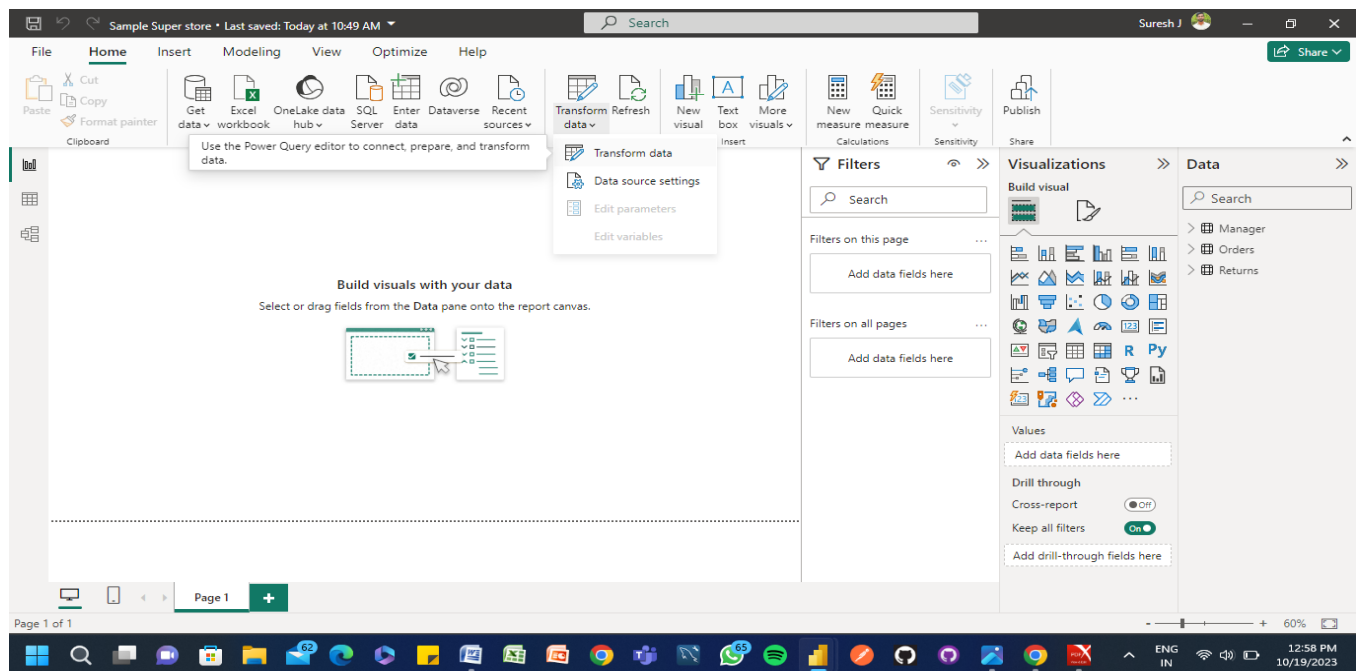
Clipboard: Paste, Cut, Copy

Table tools: Get data, Excel workbook, OneLake data hub, SQL Server, Enter data, Dataverse, Recent sources, Transform Refresh data, Queries, Manage relationships, New measure, Quick measure, New column, New table, Manage roles, View as, Sensitivity, Publish

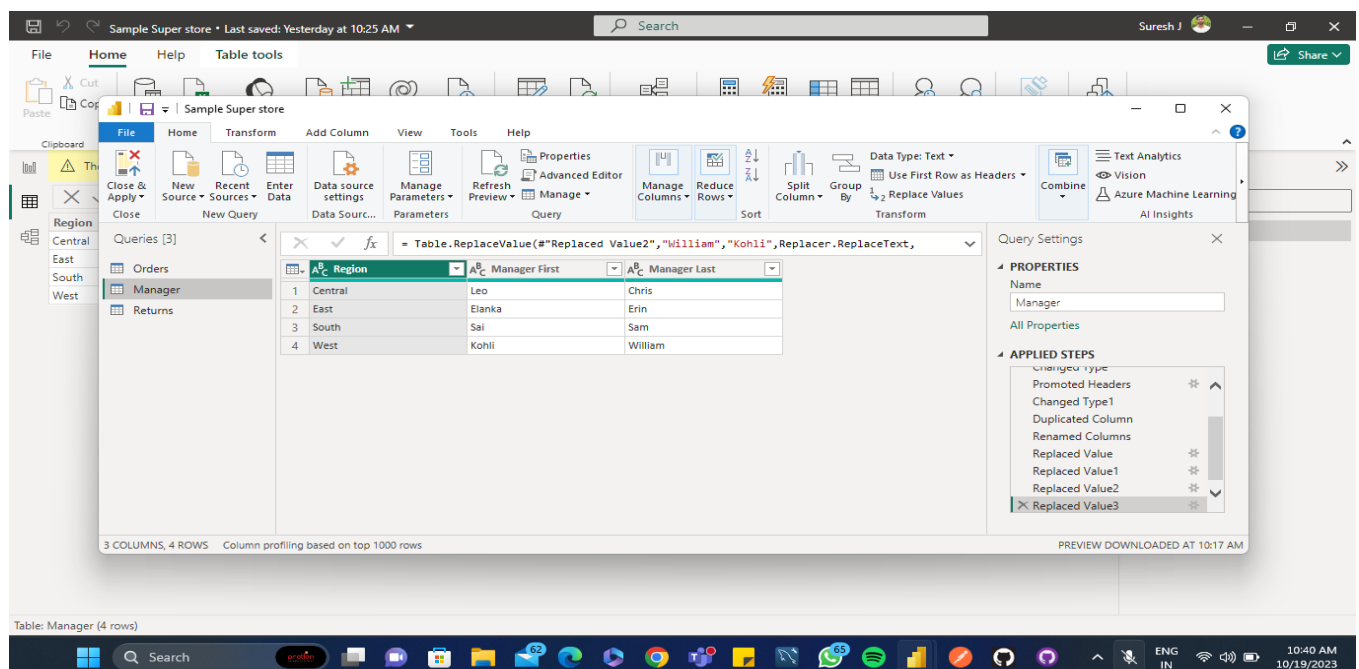
Region	Manager
Central	Chris
East	Erin
South	Sam
West	William

Table: Users (4 rows)

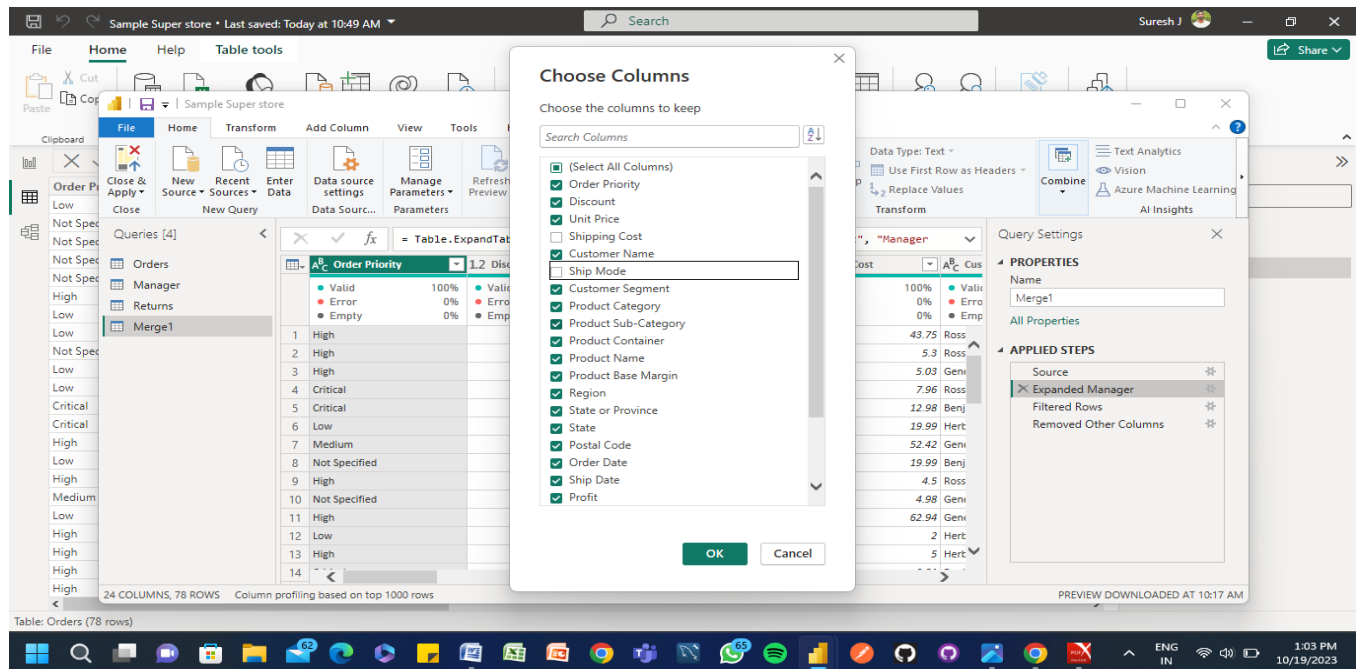
# Using Transform Data



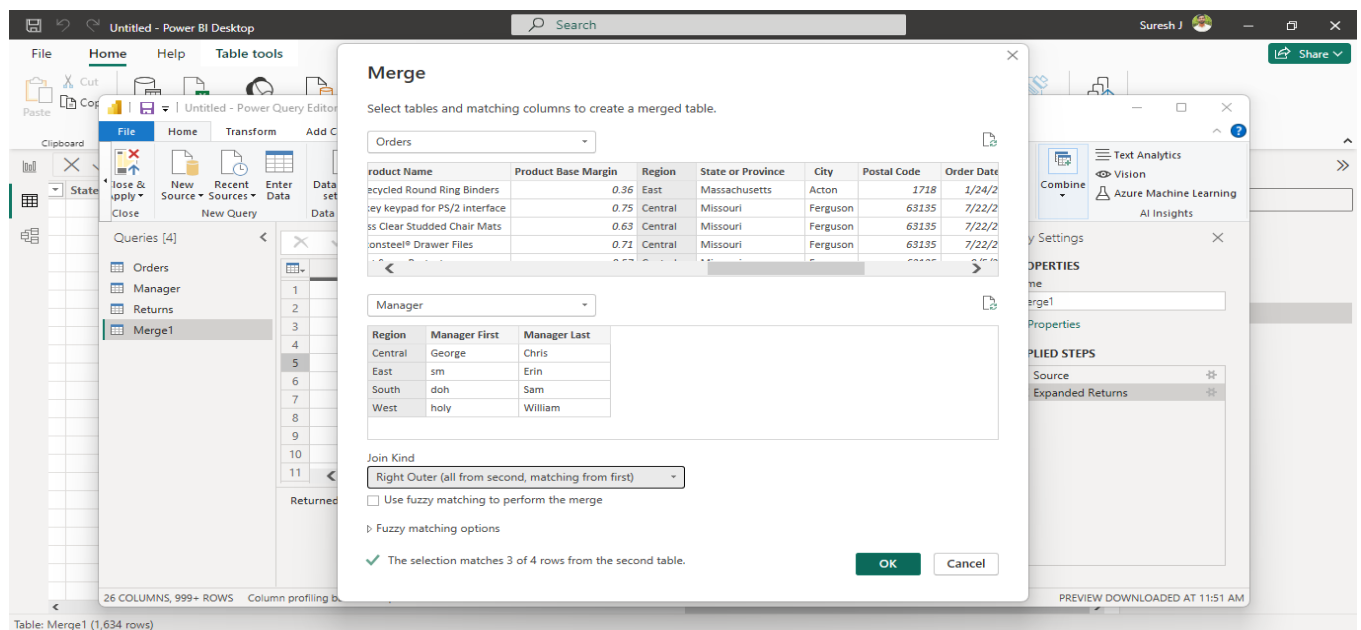
# Using Power Query Editor Duplicated the Column and Replacing the Values



## Hiding the Unwanted Columns Using the Option of Choose Columns



## Using Merge Function Merged the Columns from Different Table



# Expanding the Merged Columns

The screenshot shows the Power BI Desktop interface with the Power Query Editor open. The 'Query Settings' pane on the right shows the query name 'Merge2' and its source. The main data view displays a table with columns: Order ID, Manager, Region, and Manager First. The 'Manager' column is highlighted, and the 'Expand' dialog box is open, showing options to expand the column. The dialog box has the following settings:

- Expand (selected)
- (Select All Columns) (checked)
- Region (checked)
- Manager First (checked)
- Manager Last (checked)
- Use original column name as prefix (checked)

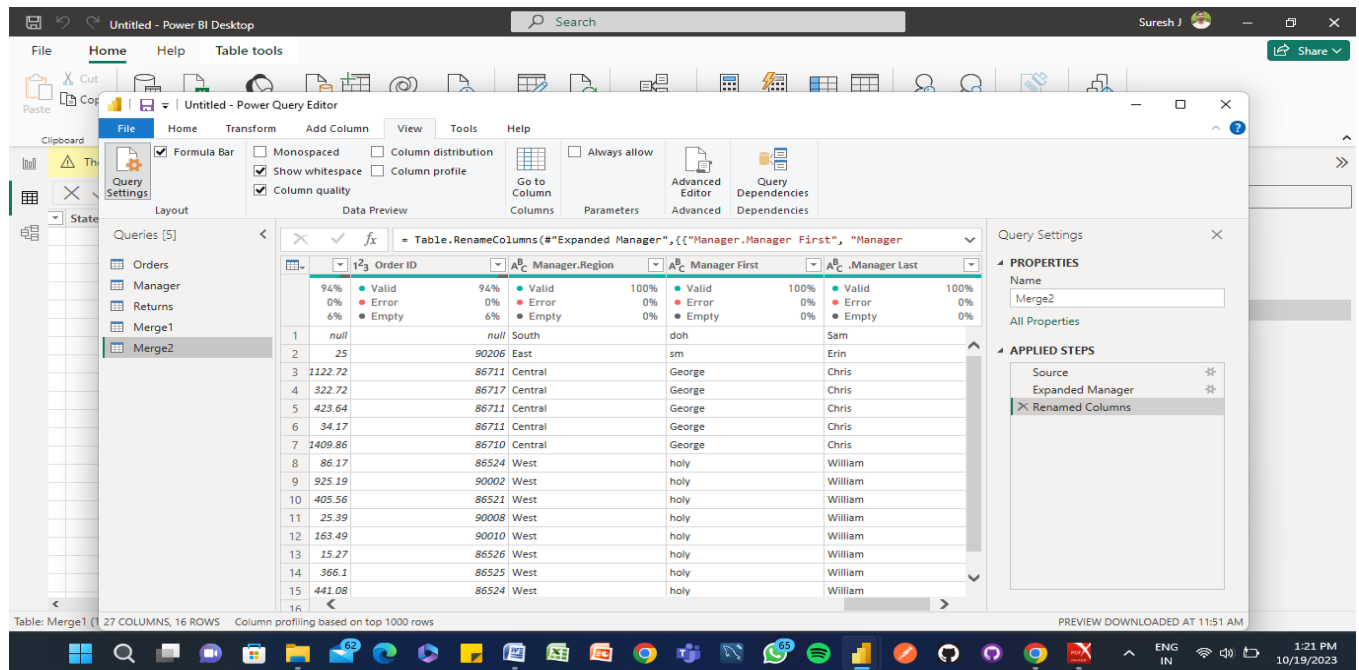
The data table shows 16 rows of data, including Order IDs, Manager names, and Region names.

The screenshot shows the Power BI Desktop interface with the Power Query Editor open. The 'Query Settings' pane on the right shows the query name 'Merge2' and its source. The main data view displays a table with columns: Order ID, Manager, Region, Manager First, and Manager Last. The 'Manager' column is highlighted, and the 'Rename Columns' dialog box is open, showing options to rename the columns. The dialog box has the following settings:

- Manager (checked)
- Manager First (checked)
- Manager Last (checked)

The data table shows 16 rows of data, including Order IDs, Manager names, and Region names.

# Data Profile



# Data Shaping

